COLORADO DEPARTMENT OF TRANSPORTATION

DESIGN DATA

❑ **Metric** ❑ **English**

Page 1 of 2

Orig. date:	
Rev. date:	
Revision #	
Region #	

Status: ❑ Preliminary ❑ Final ❑ Revised

Prepared by:	Revised by:	
Date:	Date:	
Submited by Project Manager:	Approved by Preconstruction Engineer:	
Date:		

Project code # (SA#)	STIP #
Project #	

PE project code	PE project #

Project description

County1	County2	County3

Municipality

System code: ❑ IM ❑ NHS ❑ STP ❑ Other

Oversight by: ❑ CDOT ❑ FHWA ❑ Other

Planned length:

Geographic location

Type of terrain ❑ level ❑ plains ❑ rolling ❑ urban ❑ mountainous

Description of proposed construction/improvement (attach map showing site location)

1 Traffic (Note: use columns A, B, and/or C to identify facility described below)

	Current year:_____			Future year:_____		Facility location			
Facility	ADT	DHV	DHV % trucks	ADT	DHV	Industrial	Commercial	Residential	Other
A						❑	❑	❑	❑
B						❑	❑	❑	❑
C						❑	❑	❑	❑

2 Rdwy class

	Route	Refpt	Endrefpt	Functional classification	Facility type	Rural code
1.						
2.						
3.						

3 Design standards (identify substandard items with an * in 1st column & clarify in remarks)

	A=				B=				C=			
	Standard	Existing	Proposed	Ultimate	Standard	Existing	Proposed	Ultimate	Standard	Existing	Proposed	Ultimate
Surface type												
Typical section type												
# of travel lanes												
Width of travel lanes												
Shoulder width lt./median												
Shoulder width rt./outside												
Side slope dist. ("z")												
Median width												
Posted speed												
Design speed												
Max. superelevation												
Min. radius												
Min. horizontal SSD												
Min. vertical SSD												
Max grade												

Project under ❑ 1R ❑ 3R ❑ 4R ❑ Other:_____criteria

❑ Variance in minimum design standards required

❑ Justification attached ❑ Request to be submitted

❑ Bridge (see item 4) ❑ See remarks

❑ Safety project

not all standards addressed

❑ Stage construction (explain in remarks)

Resurfacing projects

❑ Recommendations concerning safety aspects attached

Existing guardrail

meets current standards: ❑ yes ❑ no

Comments:

Project code # (SA#)	Project #	Revise date

4 Major structures

S= to stay, R= to be removed, P= proposed new structure

Structure ID#	▼	Length	Ref. point	Feature intersected	Standard width	Structure Rdwy	load	Horizontal clearance	Vertical clearance	Year built

Proposed treatment of bridges to remain in place (address bridge rail, capacity, and allowable surfacing thickness)

5 Project characteristics (proposed)

- ❑ Lighting
- ❑ Handicap ramps
- ❑ Curb and gutter
- ❑ Curb only
- ❑ Sidwalk width=
- ❑ Bikeway width=
- ❑ Parking lane width=
- ❑ Detours
- ❑ Landscaping requirements: (description)

Median (type): ❑ depressed ❑ painted ❑ raised ❑ none

- ❑ Traffic control signals ❑ Striping
- ❑ Left-turn slots ❑ continuous width=
- ❑ Right-turn slots ❑ continuous width=
- Signing ❑ construction ❑ permanent
- ❑ Other: (description)

6 Right of Way

	Yes	No	Est. #
ROW &/or perm. easement required:	❑	❑	
Relocation required:	❑	❑	
Temp. easement required:	❑	❑	
Changes in access:	❑	❑	
Changes to connecting roads:	❑	❑	

7 Utilities (list names of known utility companies)

8 Railroad crossings

of crossings:

Recommendations

9 Environmental

Type:	Approved on:	under Project Code:	Project #

Comments

10 Coordination

- ❑ Withdrawn lands (power sites, reservoirs, etc.) cleared thru BLM or forest service office — Irrigation ditch name:
- ❑ New traffic ordinance required ❑ Modify schedule of existing ordinance — Municipality:
- Other:

11 Construction method

Advertised by: ❑ State ❑ Local ❑ None

noAd Reason: ❑ Design ❑ P.O. ❑ Study ❑ CDOT F/A ❑ Local F/A ❑ RR F/A ❑ Utility F/A ❑ Miscellaneous

Entity/Agency contact name:

Phone #:

12 Remarks (include additional pages if needed)

Original to Central Files - **Copies to**: Region Files, Region Environmental Program Manager, Staff ROW, Staff Bridge or other when appropriate.